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TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371		Atty. Docket No. MIT-166
		U.S. APPLICATION NO. (If known. See 37 CFR 1.5)
INTERNATIONAL APPLICATION NO. PCT/US2004/024747		PRIORITY DATE CLAIMED 29 July 2004
10/566686		
TITLE OF INVENTION METHOD AND STRUCTURE OF STRAIN CONTROL OF SIGE BASED PHOTODETECTORS AND MODULATORS		
APPLICANTS FOR DO/EO/US LIU, Jifeng; CANNON, Douglas D.; WADA, Kazumi; JONGTHAMMANURAK, Samerkhea; DANIELSON, David T.; MICHEL, Jurgen; KIMERLING, Lionel C.		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<p>1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.x</p> <p>2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.</p> <p>3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</p> <p>4. <input checked="" type="checkbox"/> The US has been elected (Article 31).</p> <p>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) <ul style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input checked="" type="checkbox"/> has been communicated by the International Bureau. c. <input checked="" type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). </p> <p>6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). (Not applicable – application was written and filed in English.) <ul style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). </p> <p>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(C)(3)) <ul style="list-style-type: none"> a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been transmitted by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input checked="" type="checkbox"/> have not been made and will not be made. </p> <p>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).</p> <p>9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</p> <p>10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</p>		
Items 11 To 20 below concern document(s) or information included:		
<p>11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98, including Form PTO-1449 and copies of references B1 – B2, C1 – C5.</p> <p>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</p> <p>13. <input checked="" type="checkbox"/> A preliminary amendment (7 pgs)</p> <p>14. <input checked="" type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.</p> <p>15. <input type="checkbox"/> A substitute specification.</p> <p>16. <input checked="" type="checkbox"/> Copy of Revocation of Prior Powers & Power of Attorney by Applicant as filed April 8, 2005(3 pages); Copy of Notification of the Recording of a Change</p> <p>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 – 1.825.</p> <p>18. <input checked="" type="checkbox"/> A copy of the published international application under 35 U.S.C. 154(d)(4).</p> <p>19. <input type="checkbox"/> A second copy of the English language translated of the international application under 35 U.S.C. 154(d)(4).</p> <p>20. <input checked="" type="checkbox"/> Other items or information: Return Receipt Postcard; Copy of publication of search report</p>		

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IAP20 Rec'd PCT/PTO 31 JAN 2006

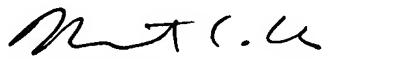
21. The following fees are submitted:				<u>CALCULATIONS</u>	PTO USE ONLY
<input checked="" type="checkbox"/> a) Basic national fee \$300.00 <input checked="" type="checkbox"/> b) Examination fee \$200.00 <input checked="" type="checkbox"/> c) Search fee \$500.00 <input type="checkbox"/> d) Size fee (for each additional 50 sheets over 100 sheets) \$250.00					
ENTER APPROPRIATE FEE AMOUNT =				\$ 1000	
Surcharge of \$130.00 for furnishing the oath or declaration of later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).				\$ 130	
CLAIMS		NUMBER FILED	NUMBER EXTRA	RATE	
Total claims		27 - 20 =	7	X \$50.00	
Independent claims		2 - 3 =	0	X \$200.00	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)				+ \$360.00	
TOTAL OF ABOVE CALCULATIONS =				\$ 1480	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.					
SUBTOTAL =				\$ 1480	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				+ \$	
TOTAL NATIONAL FEE =				\$ 1480	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				+ \$	
TOTAL FEES ENCLOSED =				\$ 1480	
				Amount to be:	\$
				refunded	\$
				charged	\$

- a. A check in the amount of \$ 1480 to cover the above fees is enclosed.
- b. Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed.
- c. The Commissioner is hereby authorized to charge any additional fees that may be required, or credit any overpayment to Deposit Account No. 07-1700.

NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

Patent Administrator
 Goodwin | Procter LLP
 Exchange Place
 Boston, MA 02109
 Customer No. 051414


 SIGNATURE

Natasha C. Us
 NAME

44,381
 REGISTRATION NUMBER

1/31/06
 DATE